

AMENDMENTS TO THE CLAIMS

Please cancel claims 19-26 as follows:

Claim 1 (original): An optical storage medium, comprising:

- 2 a disk-like body; and
- 4 at least one optically detectable mark on the disk-like body, the at least one optically detectable mark being readable by a plurality of different optical systems configured for different types of optical storage media.

Claim 2 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is located on a buried layer of the optical storage medium.

Claim 3 (original): The optical storage medium of claim 2, wherein the buried layer is a non-data layer of the optical storage medium.

Claim 4 (original): The optical storage medium of claim 2, wherein the buried layer is a data layer of the optical storage medium.

Claim 5 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is located on a surface of the optical storage medium.

2 Claim 6 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is located within a non-user-data area of the optical storage medium.

2 Claim 7 (original): The optical storage medium of claim 6, wherein the non-user-data area comprises a lead-in area of the optical storage medium.

2 Claim 8 (original): The optical storage medium of claim 6, wherein the non-user-data area comprises a lead-out area of the optical storage medium.

2 Claim 9 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is uniform in width along an axis coinciding with a radius of the optical storage medium.

2 Claim 10 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is shaped approximately like a sector of an annulus.

2 Claim 11 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is trapezoidal in shape.

2 Claim 12 (original): A method for determining the type of an optical storage medium, comprising:

reading, from the optical storage medium using an optical system, at
least one optically detectable mark that is readable by a plurality of different
optical systems configured for different types of optical storage media; and
interpreting the at least one optically detectable mark to identify the
type of the optical storage medium.

Claim 13 (original): The method of claim 12, wherein the optical storage medium
comprises a circular disc and the at least one optically detectable mark
comprises a band of optically detectable marks disposed around a circle
concentric with the circumference of the optical storage medium.

Claim 14 (original): The method of claim 13, wherein the optically detectable
marks comprising the band are uniformly spaced.

Claim 15 (original): The method of claim 13, wherein the optically detectable
marks comprising the band are spaced sufficiently far apart to be detectable by
an optical system achieving a predetermined largest expected focus spot.

Claim 16 (original): The method of claim 13, wherein interpreting the at least one
optically detectable mark to identify the type of the optical storage medium
comprises measuring the spacing of the optically detectable marks comprising
the band.

Claim 17 (original): The method of claim 12, wherein interpreting the at least one
optically detectable mark to identify the type of the optical storage medium

comprises measuring at least one dimension of the at least one optically
4 detectable mark.

Claim 18 (original): The method of claim 12, wherein the type comprises at least
2 one of CD, DVD, Blu-ray, and AOD.

Claims 19-26 (cancelled).

Claim 27 (original): An optical device, comprising:

2 an optical system to read, from an optical storage medium, at least one
optically detectable mark that is readable by a plurality of different optical
4 systems configured for different types of optical storage media; and
logic configured to interpret the at least one optically detectable mark.

Claim 28 (original): The optical device of claim 27, wherein the optical device
2 comprises at least one of a DVD device, a CD device, a Blu-ray device, an
AOD device, and a computer optical drive.

Claim 29 (original): An optical device, comprising:

2 means for reading, from an optical storage medium, at least one
optically detectable mark that is readable by a plurality of different optical
4 systems configured for different types of optical storage media; and
means for interpreting the at least one optically detectable mark.